Preliminary

ORDER NO ARD-7010094



8 TRACK STEREO CARTRIDGE TAPE DECK MODEL RS-803US



SPECIFICATIONS

Power Source:

AC: 90~110, 110~125, 200~220,

220~250 volts 50/60 Hz

Power Consumption:

Approx. 30 watts

Motor:

DC electronic governor motor

Transistors:

2SB 348(2) 2SB 346(4) 2SA 101(2) 2SB 324(2) 2SB 175(1) 2SD 205(1)

2SB 172(1)

Diodes & Rectifiers:

OA90(2) FR202(1) SW0501(2)

1S990(1) KC2DP22/1(2)

Recording System:

AC bias 35 kHz

Erasing System:

AC erase

Recording Track

System:

8 track, 2 channel stereo

Tape Speed:

3-3/4 ips

Fast Forward Time:

Approx. 300 seconds with cartridge

tape 57 m

Frequency Response:

50~12,000 Hz

2 "MIC" $5.6\,\mathrm{K}\Omega$ $-75\,\mathrm{dB}$

2 "AUX IN"

 $100\,\mathrm{K}\Omega$ $-27\,\mathrm{dB}$

Outputs:

Inputs:

2 "LINE OUT"

 330Ω -6 dB

1 "HEADPHONE"

8Ω 45 mV

DIN Socket:

Record/playback connector

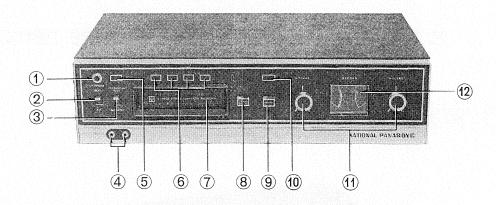
Dimensions:

 $16-5/8''(W) \times 4-1/2''(H) \times 9-1/4''(D)$

Weight:

12-1/8 lbs

LOCATION OF PARTS



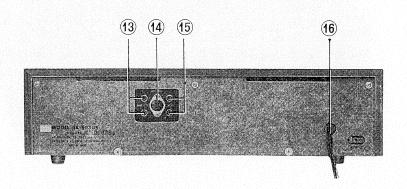


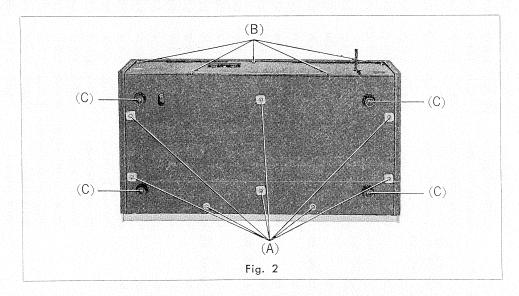
Fig. 1

- ① Headphone Jack
- ② Fast Forward Control
- ③ Automatic Stop Switch
- Microphone Jacks
- ⑤ Auto-stop Indicator
- @ Program Indicator
- Tape Slot
- Program Selector Button

- Record Button
- Recording Indicator
- 1 Recording Level Adjustment Knobs
- 12) VU Meter
- 13 Line Output Jacks
- 1 DIN Socket
- (5) Auxiliary Input Jacks
- 16 Power Cord

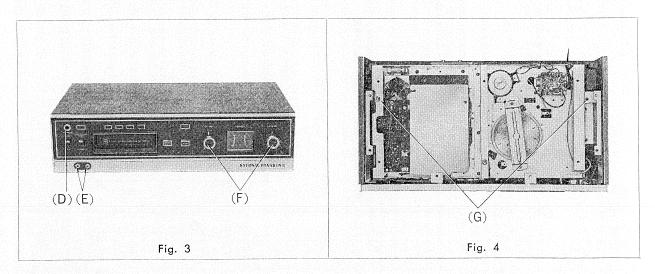
DISASSEMBLY INSTRUCTIONS

HOW TO REMOVE BACK BOARD & BOTTOM BOARD



- Remove 5 Back Board Holding Screws (A) and remove Back Board.
- 2. Remove 8 Bottom Board Holding Screws (B) and 4 Rubber Foot Holding Screws (C). Remove Bottom Board.

HOW TO REMOVE CHASSIS



- 1. Remove Headphone Jack Holding Nut (D), 2 MIC Jack Holding Nuts (E) and 2 Volume Control Knobs (F).
- 2. Remove 2 Chassis Holding Screws (G), pull out Chassis onto the back board side and remove it.

RESISTORS

) ! :	IS Ref. [
TOTAL DADAG TATAL	KEPLACEMENT FANTS LIST Before you give us an order for parts, please read the following instructions	without fail. 1. Parts Written in gothic in this Replacement Parts List are always kept in

Parts written in slender letters are not kept in stock, and will therefore stock in our department, and can unererore

be shipped later. So place an order for them separately.

3. Disassembled parts of Sub Assembly are respectively given a suffix to

4. Parts other than the above are not available from us. LISTA DE PIEZAS DE RBPUESTO

Antes de hacernos un peaido de piezas, dígnese leer sin falta las instrucciones signientes:

1. De las piezas cuyos nombres aparecen escritos con letras góticas en esta Lista de Piezas de Repuesto, tenemos surtido en nuestro departamento, y por lo tanto, podemos enviarlas antes que otras.

De las escritas con letras más finas, no tenemos surtido, por lo que su envio se retardará. Por eso, haga el favor de hacer por separado los pedidos.

3. Las piezas demontadas del Sub Assembly llevan respectivamente un sufijo a la Referencia No.

4. No podemos proveer de piezas no mencionadas arriba.

LISTE DES PIECES DE RECHANGE

Avant de nous commander des pièces, veuillez lire sans faute les instructions suivantes

Les pièces écrites en grosses lettres dans cette Liste de rechange sont toujours en magasin dans notre section, et pourront donc s'expédier plus vite que les autres pièces.
 Les pièces écrites en minces lettres ne sont pas en magasin, et s'expédier dieront plus tard. Passez-nous donc séparément votre commande pour

3. Les pièces désassemblées du Sub Assembly ont chacune un suffixe au Ref. No.

4. D'autres pièces que celles montrées ci-dessus ne sont pas disponibles

ERSATZTEILELISTE

Bitte Iesen Sie die folgende Anweisung sorgfältig, bevor Sie die Bestellurg auf unsere Ersatzteile geben.

1. Die Ersatzteile, die in dieser Liste mit der fetten Schrift geschrieben sind, sind immer in unserer Abtailung als Vorrat befindlich, und sind daher schneller zu liefern als andere Taile.

Die Ersatzteile in der dünnen Schrift sind nicht vorratig und brauchen deshalb einiger Zeit bis zur Lieferung. Bitte geben Sie daher die Bestellung separat

Demontierte Teile der Uterbaugruppe sind je mit Nachsilbe nach dem Refere-Andere Ersatzteile als die obigen sind nicht von uns zu lifefern. nznummer versehen. für solche Teile.

更换用零件一覧 特此說明有關更換用零件如下,以供參考。敬請在訂購之前惠豫一讀,以免發生差錯爲荷。 生差錯爲荷。 1. 凡是在更換用零件一覧中用粗字體所示者,均常備有現貨在本事業部,故此均得以較之其他零件提早裝船供應之。 2. 用細字體記明者則不然,因爲没有現貨,自然不得及時供應。 訂購時,請將上述兩者分開行之爲宜。 3. 凡是局部裝備組件所拆散的零件,各附有接尾數目字在該組件查詢號碼之

一概無從供應之。 後頭。 4. 凡是上述以外的零件,

Ref. No.	Description			Part No.
R1, 2	Carbon Resistor	390V	1/4 W	ERD14TJ391
R3, 4	Carbon Resistor	100 K \alpha	1/4 W	ERD14VJ104
R5, 6, 69	Carbon Resistor	1000	1/4 W	ERD14TJ101
R7, 8, 9, 10	Carbon Resistor	5.6 K Ω	1/4 W	ERD14VJ562
R11, 12, 21, 22, 25, 26, 33, 34	Carbon Resistor	10 K \alpha	1/4 W	ERD14VJ103
R13, 14, 49, 50, 70, 73	Carbon Resistor	2.2 K \alpha	1/4 W	ERD14VJ222
:	Carbon Resistor	1000	1/4 W	ERD14VJ101
18, 61, (Carbon Resistor	1.8 K \array	1/4 W	ERD14VJ182
R19, 20, 35, 36, 65, 66	Carbon Resistor	33 K Q	1/4 W	ERD14VJ333
24	Carbon Resistor	39 K Ω	1/4 W	ERD14VJ393
, 29,	Carbon Resistor	1.2 KΩ	1/4 W	ERD14VJ122
R31, 32	Carbon Resistor	3.3 K.Ω	1/4 W	ERD14VJ332
38	Carbon Resistor	2.7 K.D	1/4 W	ERD14VJ272
R39, 40	Carbon Resistor	56Ω	1/4 W	ERD14VJ560
R41, 42, 68, 79, 80	Carbon Resistor	470₽	1/4 W	ERD14VJ471
4	Carbon Resistor	4.7 KΩ	1/4 W	ERD14VJ472
46. 47.	Carbon Resistor	3.9 K.D	1/4 W	ERD14VJ392
52	Carbon Resistor	1200	1/4 W	ERD14VJ121
R55, 56	Carbon Resistor	3300	1/4 W	ERD14VJ331
28	Carbon Resistor	180	1/4 W	ERD14VJ180
R59, 60	Carbon Resistor	8.20	1/4 W	ERD14TJ8R2
R63, 64	Carbon Resistor	330 K W	1/4 W	ERD14VJ334
R67	Carbon Resistor	1.5 K Ω	1/4 W	ERD14VJ152
R71	Carbon Resistor	1 K Ω	1/4 W	ERD14VJ102
R74	Solid Resistor	470B	1/2 W	ERC12GM471
R75	Wire-wound Resistor	0.75A	1/2 W	ERM12PJR75
R76	Wire-wound Resistor	220₺	2 W	ERM2P221
R77	Solid Resistor	100£	1/2 W	ERC12GM101
R78	Solid Resistor	150	1/2 W	ERC12GM150
R81, 82	Carbon Resistor	270B	1/4 W	ERD14VJ271
R83, 84	Carbon Resistor	15 K Ω	1/4 W	ERD14VJ153
R99	Carbon Resistor	330	1/4 W	ERD14VJ330
R100	Carbon Resistor	150 K \Q	1/4 W	ERD14VJ154
10,	Carbon Resistor	1 K Ω	1/4 W	ERD14VJ102

BLE RES		SISTORS	-
Ref. No. Description	Part No.	Ref. No. Description	Part No.
VR1, 2 Semi-fixed Variable Resistor 10 KΩ(B) VR3, 4 Variable Resistor 5 KΩ(A) VR5, 6 Semi-fixed Variable Resistor 1 KΩ(B) VR7 Semi-fixed Variable Resistor 20 KΩ(B)	EVLTOAAOOB14 EVCBOAL25A53 EVLTOAAOOB13 QVLTONAOOB24	Tr1, 2 Transistor Tr3, 4, 7, 8 Transistor Tr5, 6 Transistor Tr9 Transistor Tr10 Transistor Tr11 Transistor Tr12 Transistor	2SB348 2SB346 2SB101C∅ 2SB324(D,E,F) 2SB175® 2SD205(M) 2SB172A
CAPACITORS C1, 2, 5, 6, 23, 24 Electrolytic Capacitor 3.3 "F	ECEA25V3R3N	DIODES & RECTIFIERS	
C3, 4, 17, 18, 21, 22, 27, 28, 29, 30 Electrolytic Capacitor 10 μ F	ECEA10V10N	D1, 2 Diode D3 Diode	0A90 FR202
Electrolytic Capacitor	ECEA6V47N	 	SW0501
C9, 10 Mylar Capacitor 0.015 µF C11, 12, 56 Mylar Capacitor 0.056 µF	ECQM05153MZ ECQM051563MZ	D6 Dlode D9, 10 Selenium Rectifier	KC2DP22/1
Styrol Capacitor	ECQS1471JZ		
C15, 16 Aluminum Capacitor 0.22μ F C25, 26, 31, 32 Electrolytic Capacitor 220μ F	ECAG25ER22 ECEA6V220N	COILS	
C33, 34, 39, 40, 51, 52, 55 Mylar Capacitor 0.1 μF	ECQM05104MZ	L1, 2 Peaking Coil	QLH2007
C35, 36 Mylar Capacitor 0.039 µF C37, 38 Mylar Capacitor 0.0015 µF	ECQM05393MZ		
Electrolytic Capacitor	ECEA16V33N	TRANSFORMERS	
C43, 44 Mylar Capacitor 0.0022/rF C46 Electrolytic Capacitor 1000/rF	ECGM052222MZ ECEA16V1000N	T1, 2 Output Transformer	QLA0359
Electrolytic Capacitor	ECEA25V4R7N	: :	QLP0524
66 Electrolytic Capacitor	ECEA16V220N	T4 Oscillator Coil	QLB0141 QLB0138
C53 Styrol Capacitor 2200 pF	ECGS1222JZ	: :	
Aluminum Capacitor	ECSY16EF4R7		
Styrol Capacitor	ECQS5821J	SWITCHES	
Electrolytic Capacitor	ECEA16V470N		OSMOOA1
C59, 60 Mylar Capacitor 0.022#F	ECGM05223MZ	S1 Program Indication Selector Switch	ESE126A
Electrolytic Capacitor	ECEA10V47N		QSK0216

		MECHANICAL	AL PARTS	
Ref. No. Description	Part No.	Ref. No.	Description	Part No.
SE Auto Ston Switch	QST0007	M1	Motor	QDM1333
:	0881091	M2	Motor Holding Screw ⊕3×8	XTN3+8B
Program Seleector Switch	QSB0169A	M3	Motor pulley	QDP1310
: :	QST0013	M4	Motor Pulley Screw	XXA26D6
	QSS1108	M5	Screw ⊕3×8	XTN3+8B
: ::	QSR0004	M6	Switch Holding Plate	QMA1943
:	QSB0101	M7	Change Lever-C	QML1861
		M8 .:	Return Spring	QBT1216M
		6M	Screw ⊕2.6×6	XSN26+6
ELECTRICAL PARTS		M10	Head Adjusting Screw	QHQ1088
		M11	Washer W2	XWG2
: :	WYSUZH	M12	Screw Adjusting Spring	QBC1156
: :	GSLIOUG	M13	Vertical Table	QMF1413
: :	QEMI323	M14	Head Spacer	QMQ1125
: : : : : : : : : : : : : : : : : : : :	0.140115	M15	Head Pressure Spring	QBT1470
E5 M3 Jack	0.1A0907	M16	Head Holding Plate	QMF1412
:	QTD1126A	M17	Head Holding Plate Nut	XNG26E
	QTD1002	M18	Head Holding Plate Washer	XWG26
	RVL111	M19	Head Holding Plate Screw	XSN26+5
: :	XAM30T	M20	Screw ⊕3×8	XTN3+8B
:	QTV1018	M21	Plunger	QME0125
:	XAM37T450	M22	Guide Shaft	QMS1800
E13 Pilot Lamp Socket	QJS0101	M23	Power Source Selector Spring Assembly	0X.10053
E14 Pilot Lamp Cover	QTV1030	M24	Pilot Angle	QMA1296
: :	QFC1021	M25	Screw ⊕3×5	XSN3+5S
:	Q1H10625	M26	Spring Washer SW3	XWA3B
EL/ Record Switch Rewind Spring	06 11 149	M27	Safty Lever Assembly	QXL0371
E18 Jack Flate	QCS2204	M28	Stop Ring E3	XUC3FK
	QMA1944	M29	Recording Lever Assembly	0XL0399
	QTS1163	M29-1	Recod Safty Angle	QML1884
: :	QBK7026	M29-2	Stop Ring E3	XUC3FK
E23 Fuse	XBA1E05NR1	M29-3	Fiber Washer	QBK 7005
E24 Fuse Holder	QTF1021	M30	Cartridge Guide	QMH1139
E25 5P DIN Socket	QJS0723	M31	Cartridge Lid	QMF1415

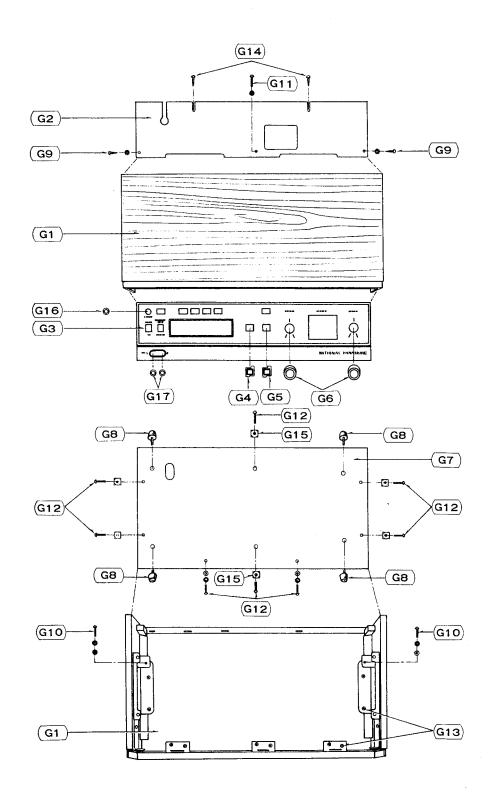
		CABINET	PARTS		
Ref. No. Description	Part No.	Ref. No.	Description	Part No.	
M32 Guide Roller Shaft-A	QMS1263	G1	Body Case Assembly	QYJ1223S	
	QMS1326	G2	Back Board	QKU1100	
	QBJ1189	 63	. Panel Assembly	QYP0245	
	QMR1075	G4	. Record Button-A Assembly	QXB0082	
	XUC15FK		. Record Button-B Assembly	QXB0083	
. :	QBC1090	95	. Volume Knob Assembly	QYT0161	
	QML1857	Z5	Bottom Board	QKU1083	
	QBT1216M	: :: 85	. Rubber Foot Assembly	QYQ1031S	
:	XUC4FK	: :: 65	. Wooden Screw ⊕M3.1×8	XTN3+10A	
:	XUC3FK	G10	Screw ⊕3×6	XSN3+6RS	
:	XTN3+8B	G11	Screw ⊕3×8	XSN3+8	
- : :	QBT1216M	G12	. Screw ⊕4×16	XSN4+16RS	
	XUC4FK	G13	. Wooden Screw $\oplus 3.1 \times 8$	XMM31+8	
:	QXL0136	G14	. Wooden Screw	QHQ1094	
:	QBN1037	G15	. Washer	QWQ1083	
M47 Lock Lever Shaft	QMS1325	G16	. Headphone Jack Nut	QNQ1033	
M48 Changer Lever	QML1887	G17	. Microphone Jack Nut	QNQ1027	
M49 Record Lever-2 Assembly	QXL0372				
M50 Cam	QMQ1124				
M51 Flywheel Belt	QDB0135	SHOOSOHOO	S II		
M54 Tapping Screw ⊕3×8	XTN3+8	みていたらら			
M55 Screw ⊕3×6	XSN3+6S	Α1	Connection Cord-C	QEB14P	
M56 Spring Washer 3¢	XWA3B			QFQ1025	
M57 Flywheel Retainer	QXH0064	Α3	AC Plug Adaptor	QJP0603S	
M58 Flywheel	QXF0031	A4	Cartridge Tape	QFT80GNRX	
M59 Capstan Metal Boss Assembly	QYQ0066	A 5		QQT1386	
M60 Screw ⊕3×6	XSN3+6S	:			
M61 Capstan Felt	QBF1109				
M62 Capstan Oil Cap	QBJ1191				
M63 Tapping Screw ⊕3×8	XTN3+8	PACKINGS			
M64 Reinforce Angle	QMA1947S		Inner Packing	OPN2256	
		:			

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QPN2129 QFD0121 QFV0047 QPQ1052

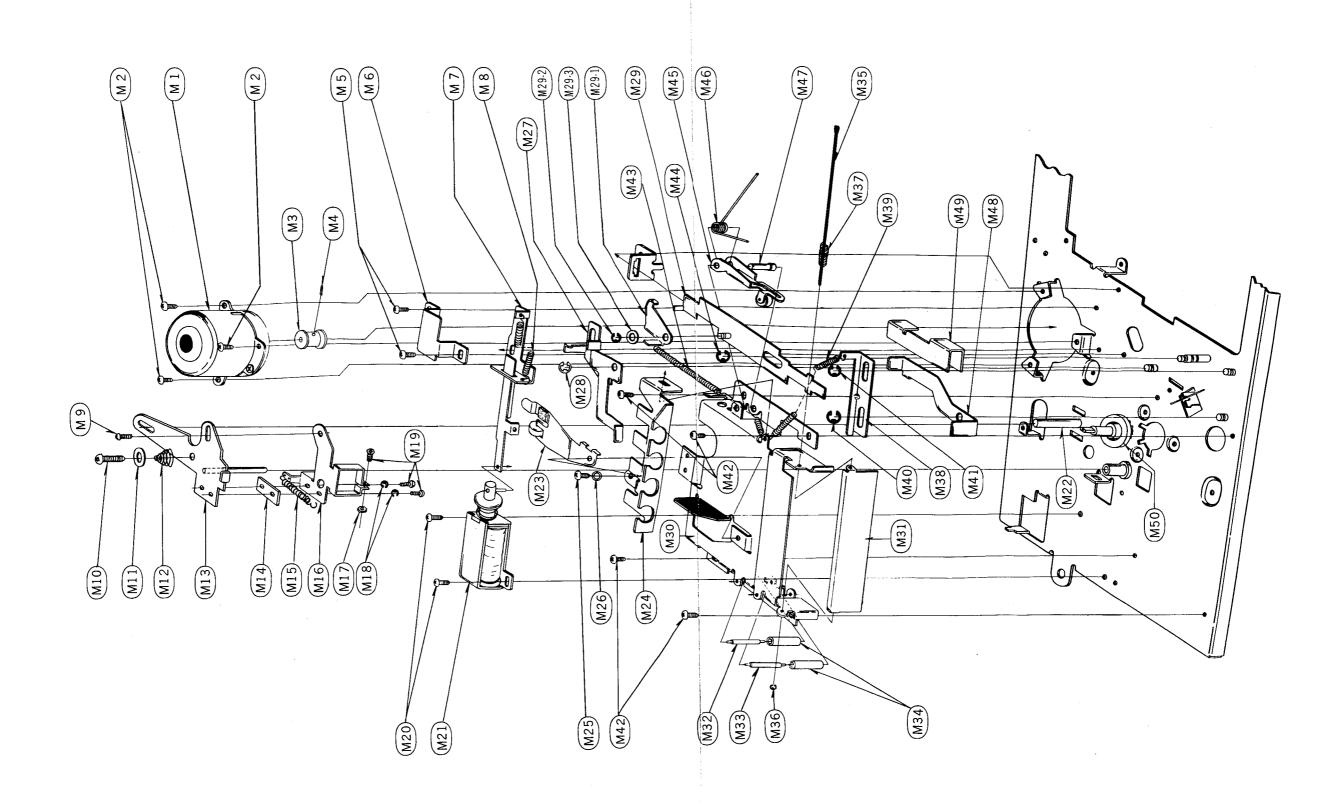
... ... Inner Cushion
... ... Dust Cover
... ... Accessory Bag
... Cord Pad

CABINET PARTS

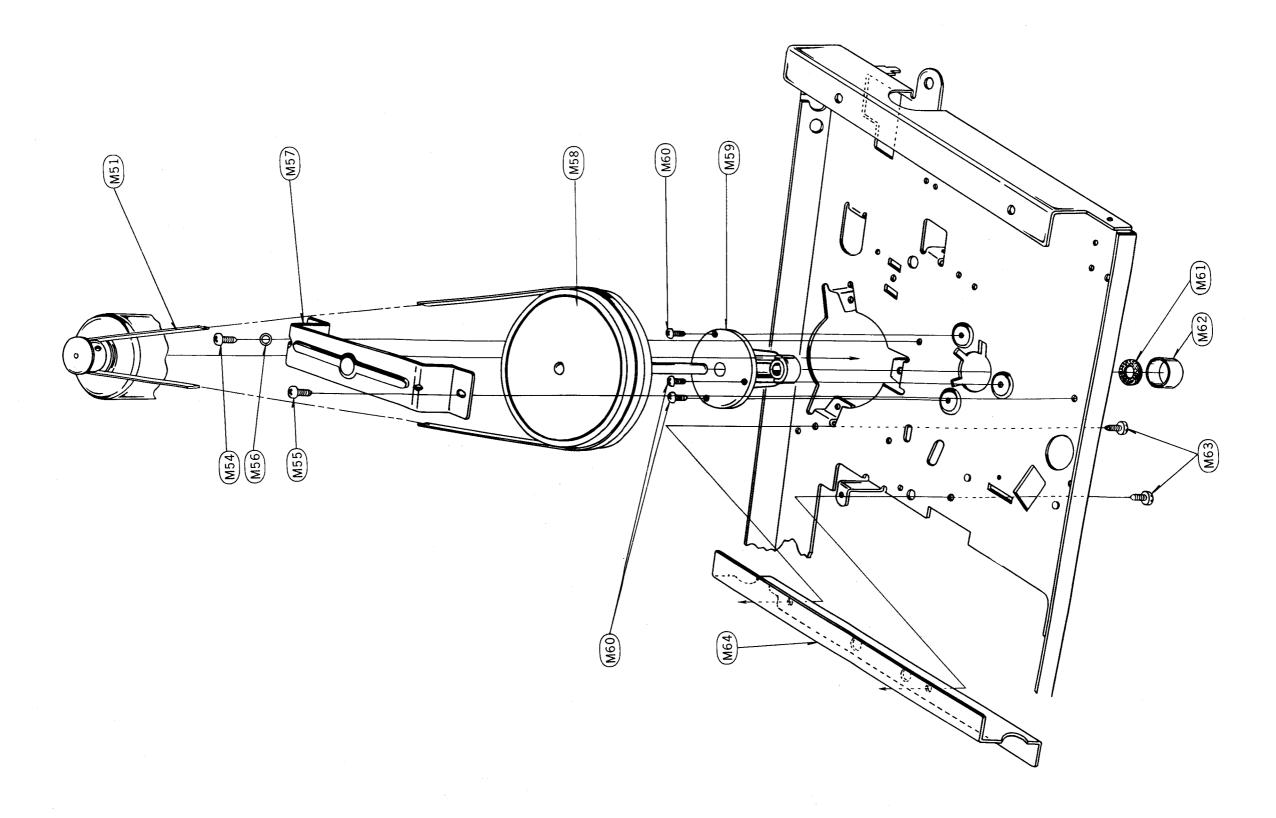


EXPLODED VIEWS

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SCHEMATIC DIAGRAM MODEL RS-803US

